

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053123\
 Data File : VU054337.D
 Acq On : 31 May 2023 15:01
 Operator : JC/MD
 Sample : 02936-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PDB-BLANK-20230524

Quant Time: Jun 01 05:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

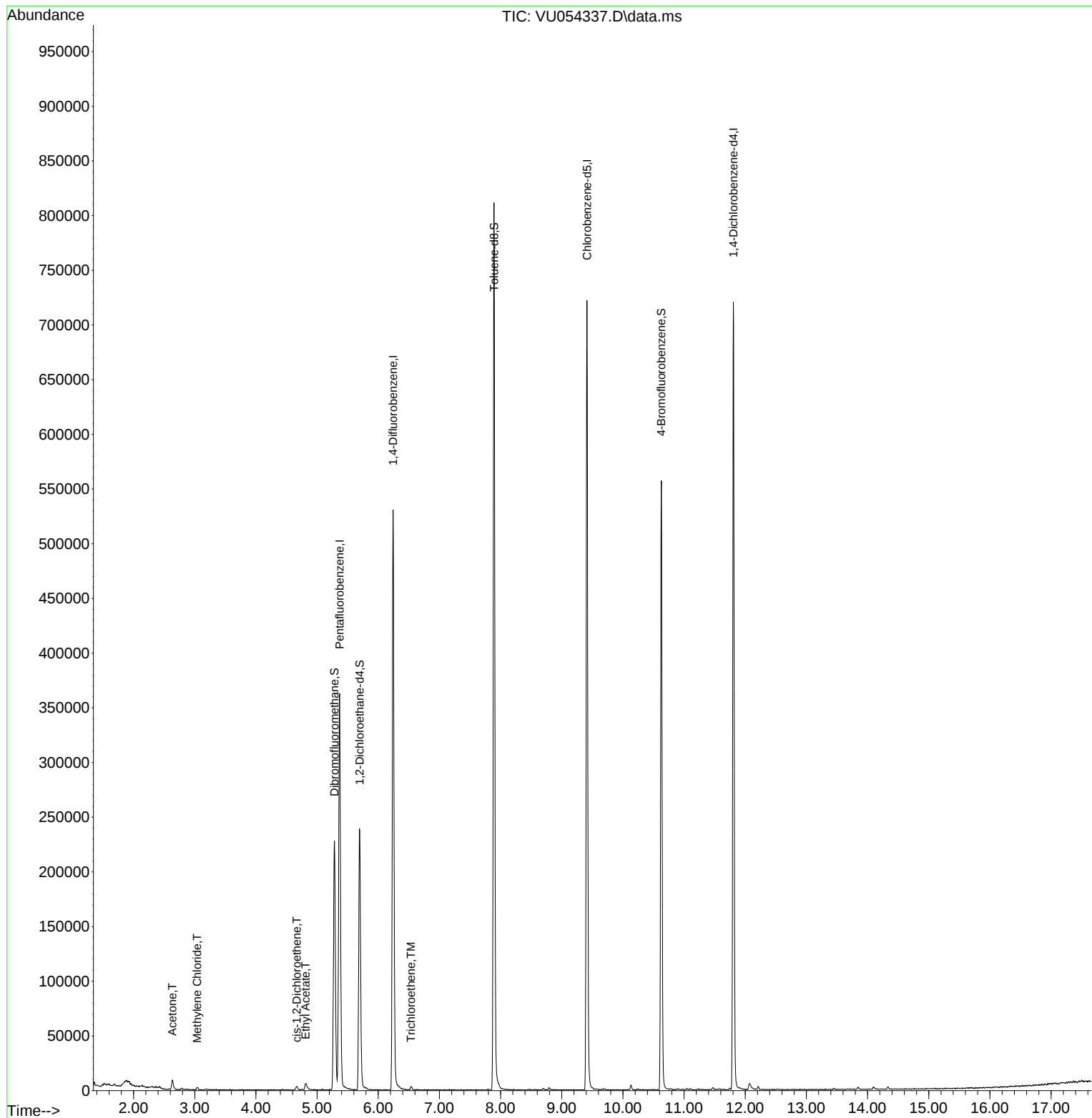
Internal Standards						
1) Pentafluorobenzene	5.369	168	264362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	436086	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	414662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	197680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	180183	51.993	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.980%		
35) Dibromofluoromethane	5.282	113	147585	52.553	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.100%		
50) Toluene-d8	7.893	98	545764	51.093	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.180%		
62) 4-Bromofluorobenzene	10.629	95	191034	46.123	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.240%		
Target Compounds						
					Qvalue	
16) Acetone	2.632	43	11738	5.909	ug/l	94
20) Methylene Chloride	3.038	84	924	0.258	ug/l #	70
27) cis-1,2-Dichloroethene	4.668	96	1848	0.546	ug/l	94
37) Ethyl Acetate	4.812	43	9932	1.848	ug/l #	91
44) Trichloroethene	6.536	130	1238	0.352	ug/l	66

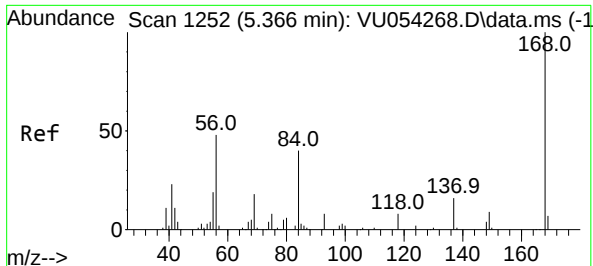
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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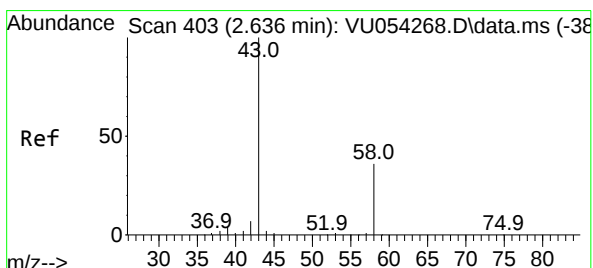
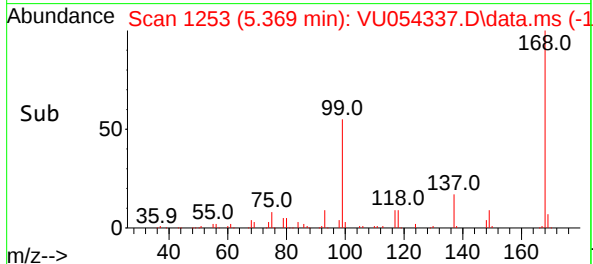
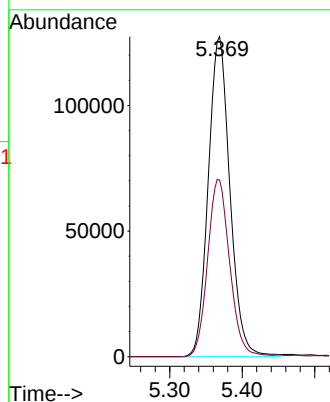
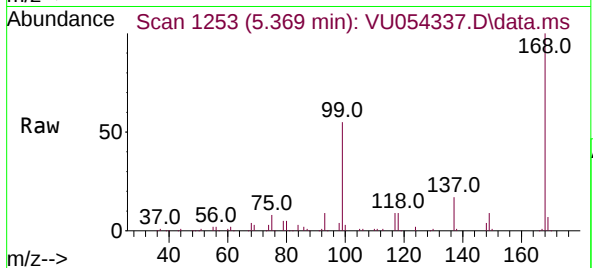




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

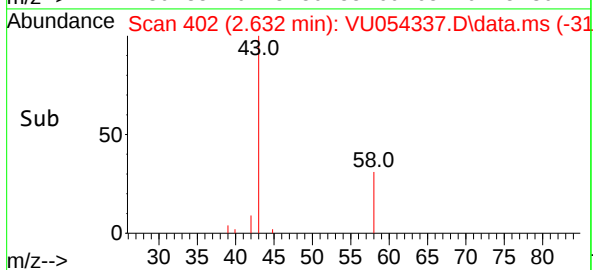
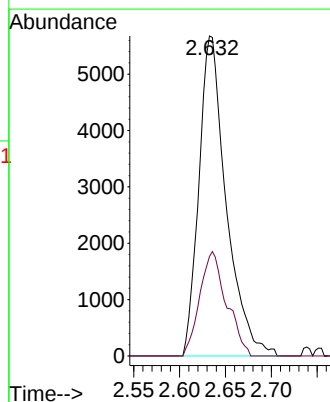
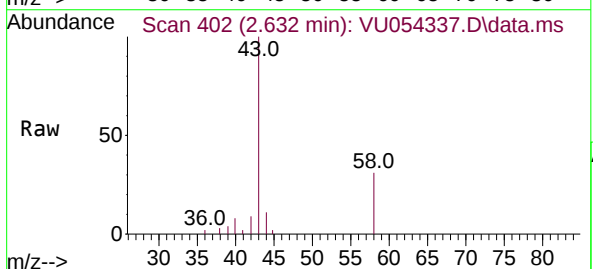
Instrument :
MSVOA_U
ClientSampleId :
PDB-BLANK-20230524

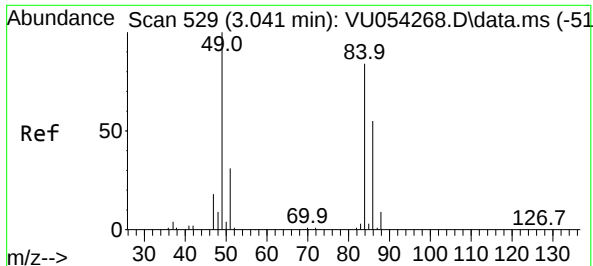
Tgt Ion:168 Resp: 264362
Ion Ratio Lower Upper
168 100
99 55.2 39.3 58.9



#16
Acetone
Concen: 5.909 ug/l
RT: 2.632 min Scan# 402
Delta R.T. -0.004 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

Tgt Ion: 43 Resp: 11738
Ion Ratio Lower Upper
43 100
58 31.1 27.5 41.3

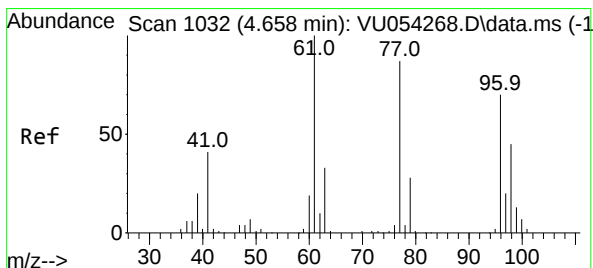
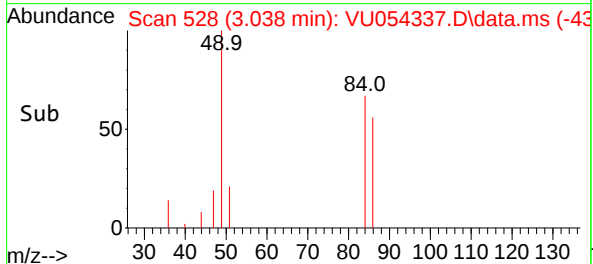
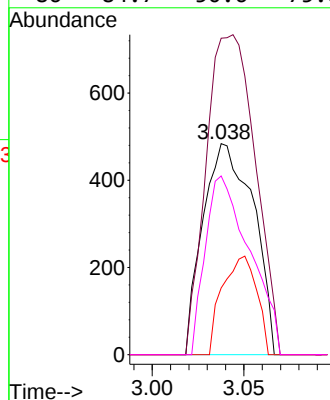
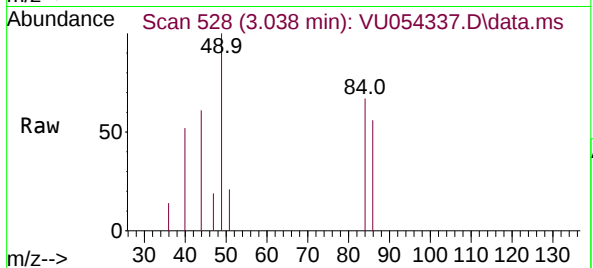




#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

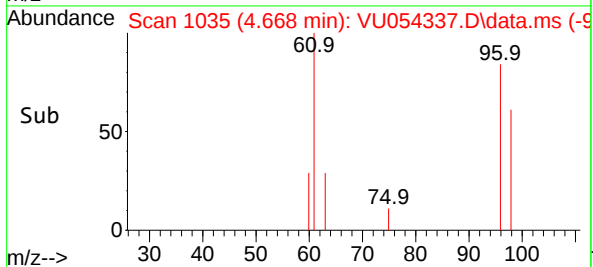
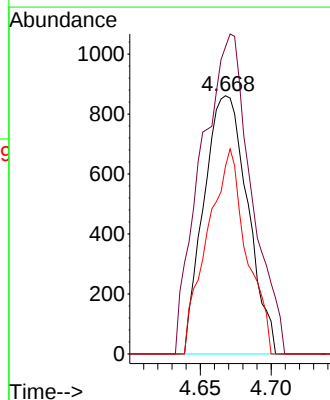
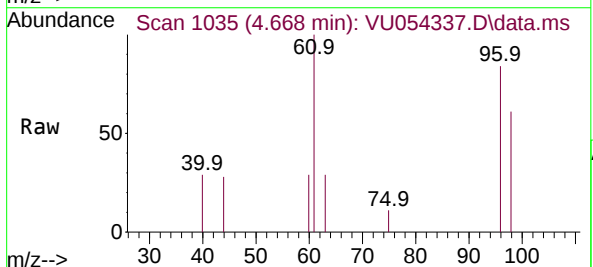
Instrument :
MSVOA_U
ClientSampleId :
PDB-BLANK-20230524

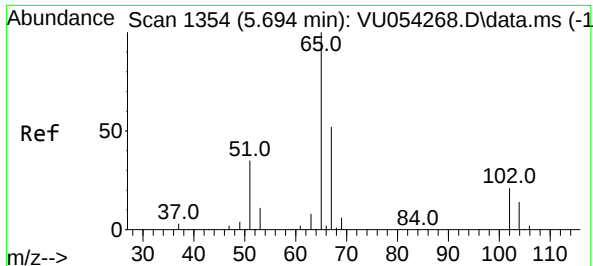
Tgt Ion: 84 Resp: 924
Ion Ratio Lower Upper
84 100
49 150.0 86.6 129.8#
51 31.6 26.6 40.0
86 84.7 50.6 75.8#



#27
cis-1,2-Dichloroethene
Concen: 0.546 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

Tgt Ion: 96 Resp: 1848
Ion Ratio Lower Upper
96 100
61 141.9 0.0 271.6
98 70.8 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 51.993 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054337.D

Acq: 31 May 2023 15:01

Instrument :

MSVOA_U

ClientSampleId :

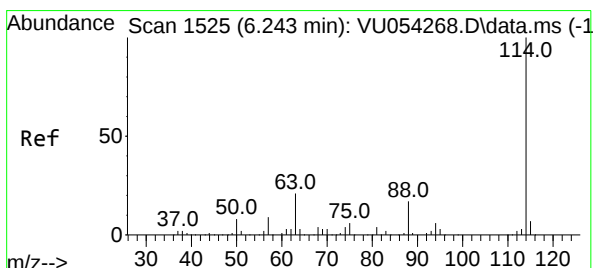
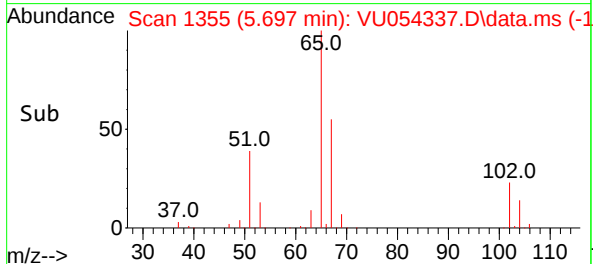
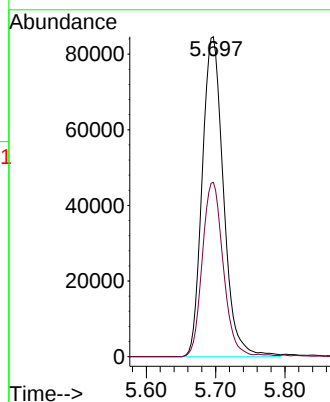
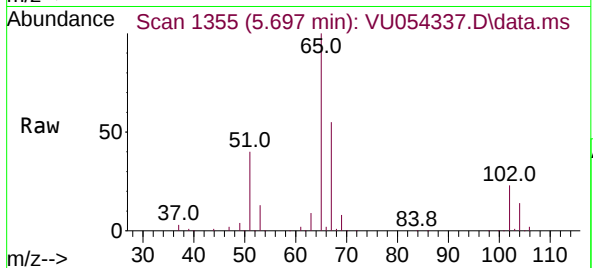
PDB-BLANK-20230524

Tgt Ion: 65 Resp: 180183

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU054337.D

Acq: 31 May 2023 15:01

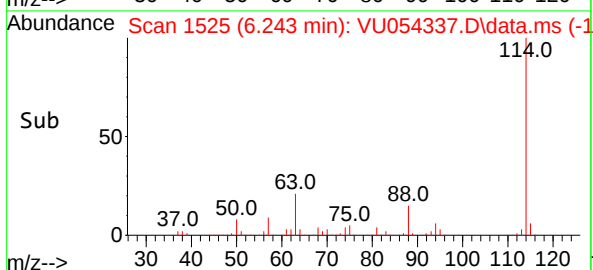
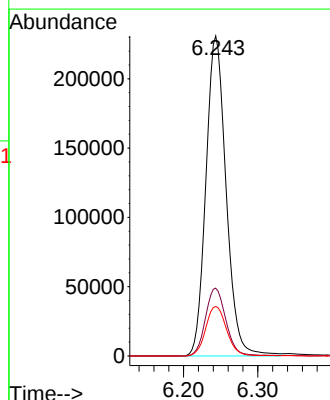
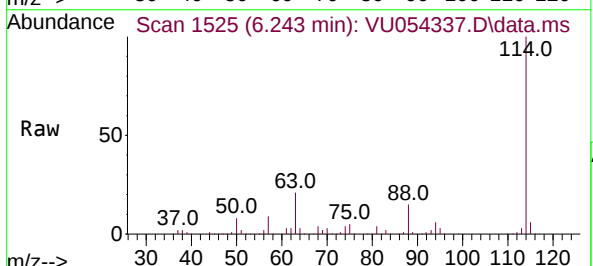
Tgt Ion: 114 Resp: 436086

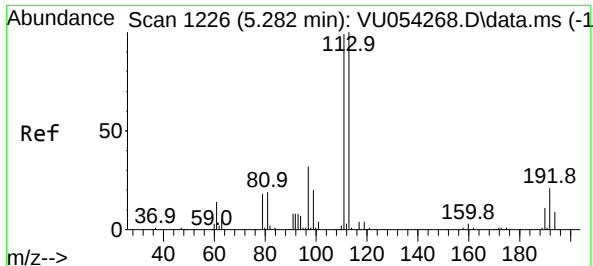
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.8

88 15.4 0.0 29.2

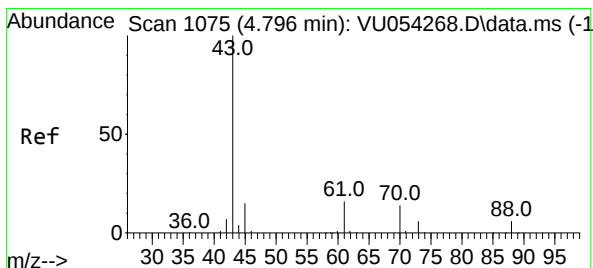
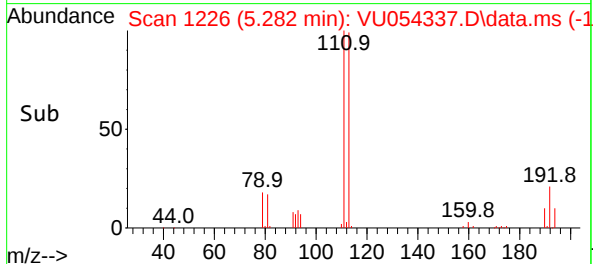
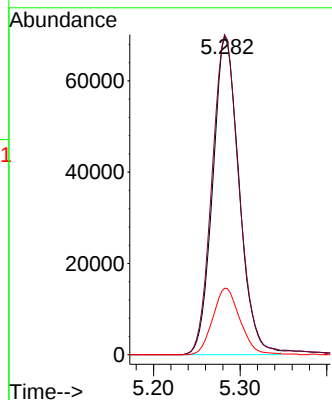
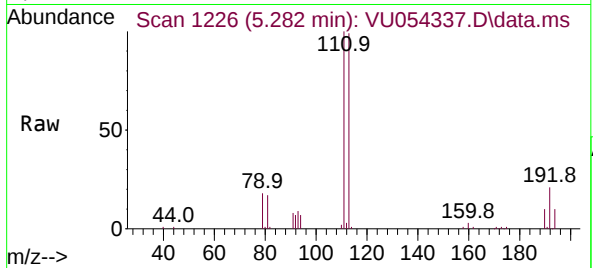




#35
Dibromofluoromethane
Concen: 52.553 ug/l
RT: 5.282 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

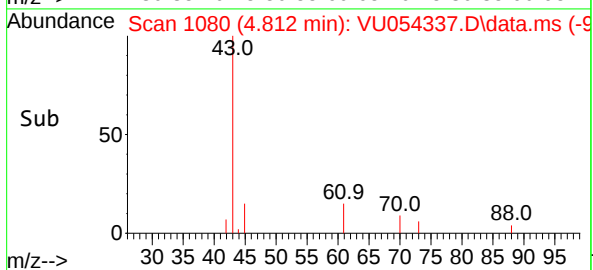
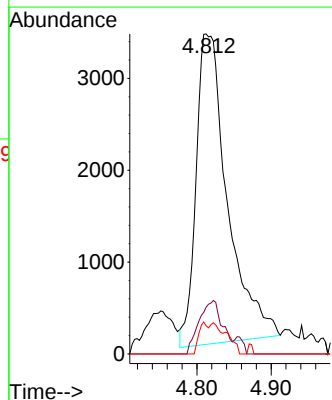
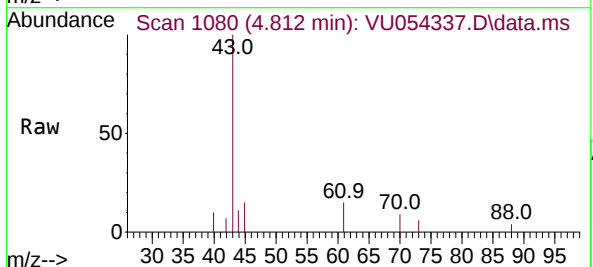
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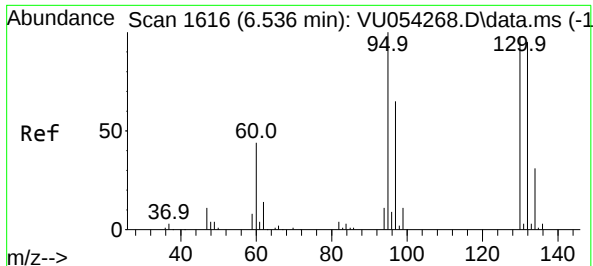
Tgt Ion:113 Resp: 147585
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 21.5 18.0 27.0



#37
Ethyl Acetate
Concen: 1.848 ug/l
RT: 4.812 min Scan# 1080
Delta R.T. 0.016 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

Tgt Ion: 43 Resp: 9932
Ion Ratio Lower Upper
43 100
61 12.9 9.5 14.3
70 3.1 7.5 11.3

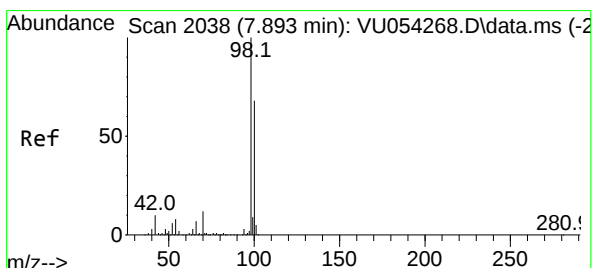
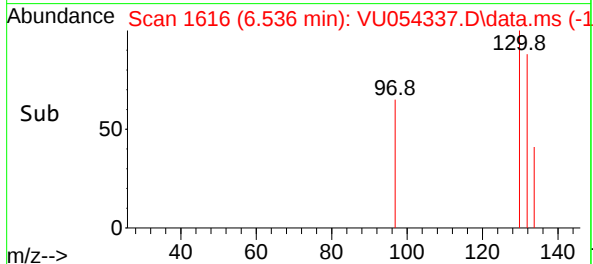
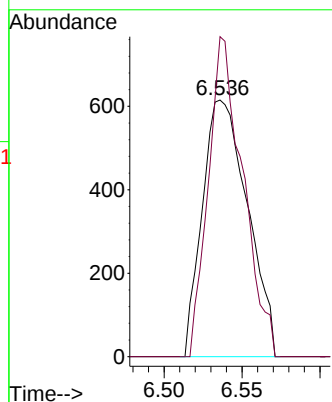
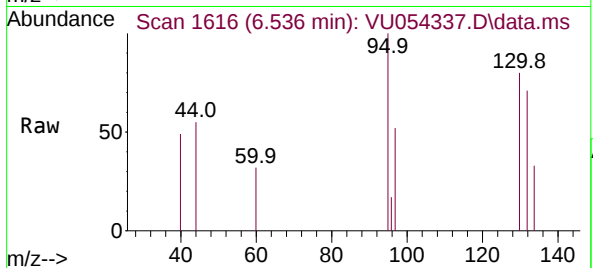




#44
Trichloroethene
Concen: 0.352 ug/l
RT: 6.536 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

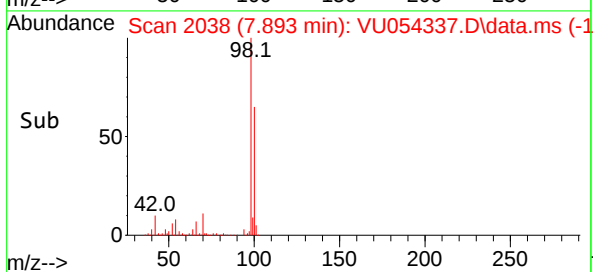
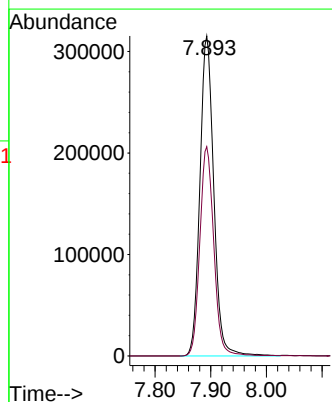
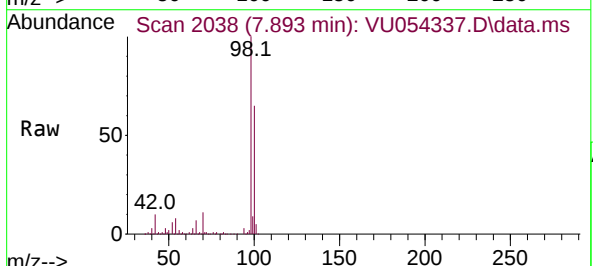
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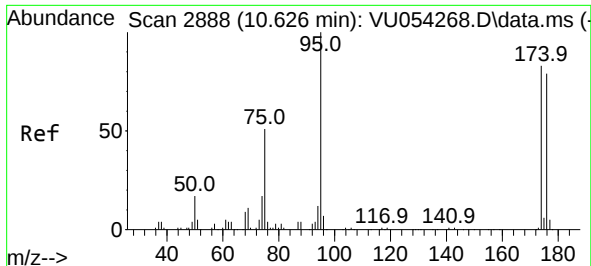
Tgt Ion:130 Resp: 1238
Ion Ratio Lower Upper
130 100
95 124.7 0.0 184.6



#50
Toluene-d8
Concen: 51.093 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. -0.000 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

Tgt Ion: 98 Resp: 545764
Ion Ratio Lower Upper
98 100
100 65.7 51.7 77.5

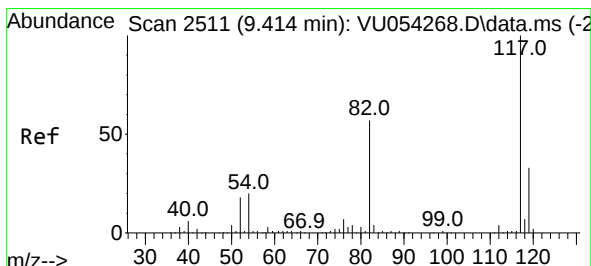
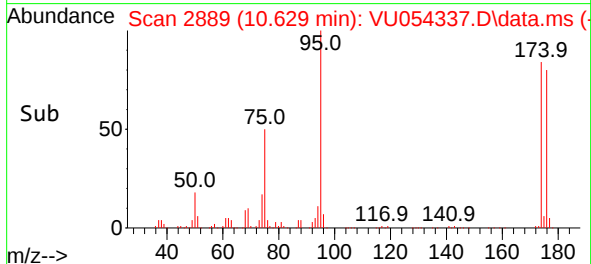
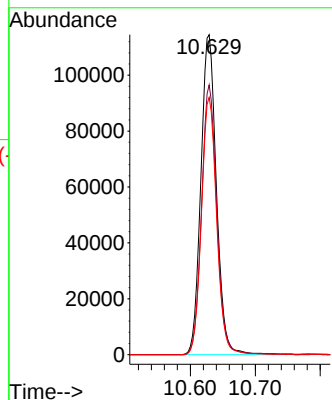
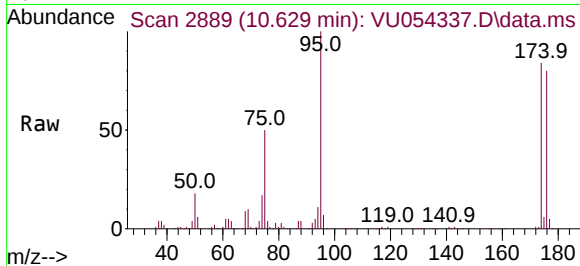




#62
4-Bromofluorobenzene
Concen: 46.123 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.003 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

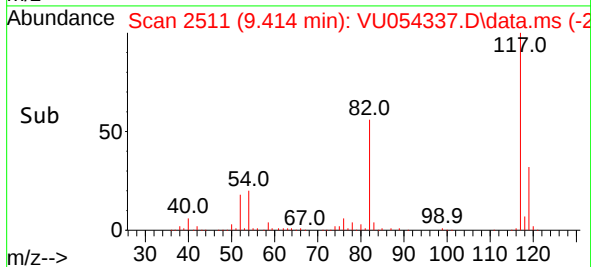
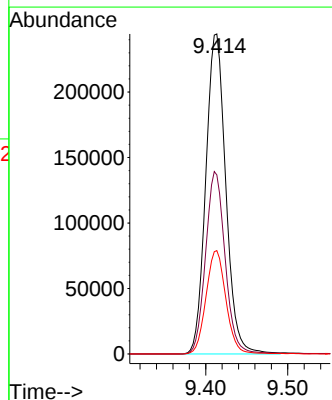
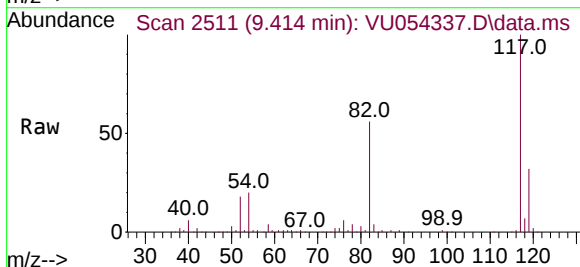
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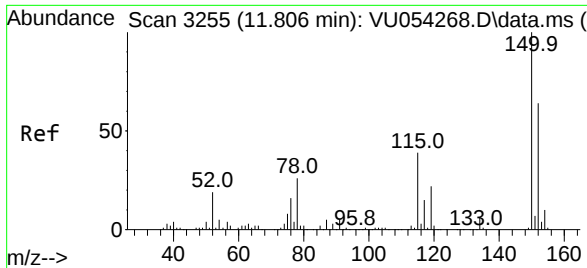
Tgt Ion: 95 Resp: 191034
Ion Ratio Lower Upper
95 100
174 83.0 0.0 182.0
176 78.6 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU054337.D
Acq: 31 May 2023 15:01

Tgt Ion: 117 Resp: 414662
Ion Ratio Lower Upper
117 100
82 55.9 41.7 62.5
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054337.D

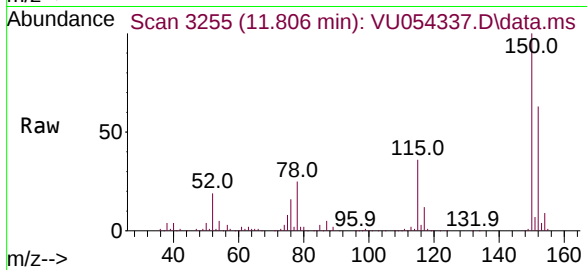
Acq: 31 May 2023 15:01

Instrument :

MSVOA_U

ClientSampleId :

PDB-BLANK-20230524



Tgt Ion:152 Resp: 197680

Ion Ratio Lower Upper

152 100

115 57.8 37.0 110.9

150 155.1 0.0 342.2

